



ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ

ಅಧಿಕೃತವಾಗಿ ಪ್ರಕಟಿಸಲಾದುದು

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ಭಾಗ ೪ಎ

ರಾಜ್ಯದ ವಿಧೇಯಕಗಳ ಮತ್ತು ಅವುಗಳ ಮೇಲೆ ಪರಿಶೀಲನಾ ಸಮಿತಿಯ ವರದಿಗಳು, ರಾಜ್ಯದ ಅಧಿನಿಯಮಗಳು ಮತ್ತು ಆಧ್ಯಾದೇಶಗಳು, ಕೇಂದ್ರದ ಮತ್ತು ರಾಜ್ಯದ ಶಾಸನಗಳ ಮೇರೆಗೆ ರಾಜ್ಯ ಸರ್ಕಾರವು ಹೊರಡಿಸಿದ ಸಾಮಾನ್ಯ ಶಾಸನಬದ್ಧ ನಿಯಮಗಳು ಮತ್ತು ರಾಜ್ಯಾಂಗದ ಮೇರೆಗೆ ರಾಜ್ಯಪಾಲರು ಮಾಡಿದ ನಿಯಮಗಳು ಹಾಗೂ ಕರ್ನಾಟಕ ಉಚ್ಚ ನ್ಯಾಯಾಲಯವು ಮಾಡಿದ ನಿಯಮಗಳು

GOVERNMENT OF KARNATAKA

No.HD 15 CNA 2017(p-1)

Karnataka Government Secretariat,
Vidhana Soudha,
Bengaluru, Dated: 30.04.2022.

NOTIFICATION

Whereas the draft of the following rules further to amend the Karnataka Cinemas (Regulation) Rules, 2014 was published as required by sub-section (1) of section 19 of the Karnataka Cinemas (Regulation) Act, 1964 (Karnataka Act 23 of 1964) in Notification No. HD 15 CAN 2017(P-1), dated: 26.12.2019 in part-IV-A of the Karnataka Gazette dated:13.02.2020 inviting objections and suggestions from all the persons likely to be affected within thirty days from the date of its publication in the Official Gazette.

Whereas, the said Gazette was made available to the public on 13.02.2020.

And, Whereas objections and suggestions received in this behalf have been considered by the State Government.

Now, therefore, in exercise of the powers conferred by section 19 of the Karnataka Cinemas (Regulation) Act, 1964 (Karnataka Act 23 of 1964) the Government of Karnataka hereby makes the following rules, namely:-

(ಬಿ೪೪೦)

RULES

1. Title and Commencement.-(1) These rules may be called the Karnataka Cinemas (Regulation) (Amendment) Rules, 2022

(2) They shall come into force from the date of their publication in the Official Gazette.

2. Insertion of new Chapter XVI-A- In the Karnataka Cinemas (Regulation) Rules, 2014 (hereinafter referred to as the said rules) After Chapter XVI, the following Chapter shall be inserted namely:-

“Chapter XVI- A”

180A. Establishment of Mini Theaters or Mini Digital Theaters.-For the purpose of this chapter Mini Theatre or Mini Digital Theatre means, a Theatre having seating capacity of not more than 199 seats over a floor space of at least 4000 sq ft. which can be established as a standalone structure or as part of commercial centers, Shopping Malls, Convention Centers, Bus Stations, Railway station, Multi-utility areas, etc.

180B. Conditions for grant of No Objection Certificate through Single window system.-

Notwithstanding anything contained in these rules,-

(1) Any person who is interested to establish a Mini Theatre or Mini Digital Theatre shall apply to the licensing authority in Form A online with the details required for obtaining No Objection Certificate to take up construction along with a fee through online Khajana system.

(2) On receipt of online application for No Objection Certificate the licensing authority shall communicate the same to all consulting agencies or department online like PWD, Local Authority concerned or urban local body, Electricity Department, Fire Force Department, Police Department and

request them to furnish their comments/objection, if any, within thirty days through online.

(3) The Licensing Authority shall also publish the notice in Form B and Form C for No Objection Certificate to the knowledge of persons likely to be affected and call for objections simultaneously as soon as he receives the online application.

(4) All consulting departments shall appoint a Nodal Officer of that department who can examine the proposal and the give clearance or comments with reasons within thirty days.

(5) The Licensing Authority after considering the No Objection/Comments of all consulting departments obtained online and objections filed by the persons likely to be affected, if any and in case, if, all the departments give clearance, he shall issue No Objection Certificate in Form D within forty five days of the receipt of online application to undertake construction by the applicant.

(6) In case if there is any objection from any of the consulting department or any person likely to be affected, the Licensing Authority shall communicate the same online to the applicant and ask him to rectify the defects or objections raised within fifteen days.

If the applicant complies with the objections or rectifies the mistakes the Licensing Authority shall communicate the No Objection Certificate to the applicant in Form D within 21 days from the date of receipt of compliance or rectification to take up construction.

180C. Notwithstanding anything contained in these rules, in order to reduce the delay in grant of permission to Mini Theatre or Mini Digital Theatre, the Licensing Authority,-

(a) shall not permit Mini Theatre or Mini Digital Theatre within the gated residential community;

(b) may permit Mini Theatre or Mini Digital Theatre even in rural areas;

- (c) shall permit with 20% of the built up area for parking area;
- (d) shall not permit if exhibition point or multiple screen exist within 2 km radius.
- (e) may permit to convert Single screen theatre into Mini Digital Theatre;

180D. The licensing authority after considering all the above conditions and after consulting the completion report of the applicant shall forward online to all consulting departments and obtain No Objections from all the consulting departments for grant of license to operate the theatre within thirty days.

180E. After obtaining No Objection Certificate from all the consulting agencies or departments, the Licensing Authority may grant permission to operate in **Form-F** of the theatre within forty five days of the date of online application. The validity or duration of the license shall be for a period of one year.

180F. Renewal of license.-The Licensing Authority on application by the theatre owner for renewal online shall follow the same procedure to consult all agencies or department online and if there is No Objections for renewal the license for a period of two years thereafter.

180G. Accordingly, the following relaxations are made to the existing norms, namely:-

- (a) Convenient and comfortable seating arrangement along any direction with sufficient spacing between rows can be provided in such theatres without necessarily mandated seating arrangement in any singular direction.
- (b) Form B-License shall be considered as singular License encompassing all permissions which shall be effective for a period of one year initially and renewed.
- (c) Further every two years, the form B shall be issued online through single window system.

180H. In case the permitted owner violates the conditions laid down in these rules viz., building plan, Fire fitting equipment, sanitary requirements and other norms

the permission granted under this rule shall be withdrawn or suspended with a prior notice to the grantee.”

3. Amendment to Forms.-For Form A, Form B, Form C, and Form D of the said rules, the following forms shall be substituted, namely:-

FORM ‘A’

[See rule 24(1), 89, 116 and 180B(1)]

Online Application format for construction of (Cinema Building)

To
The District Magistrate,
_____ District

Sir,

I hereby apply for the grant of ‘No Objection Certificate’ for the location of [permanent/mini or mini digital / drive-in/ touring cinemas] in my favour and give the details as follows-

E-Sign / Signature of the applicant.

1. Full Name of the Applicant
2. Father’s / Husband’s name and occupation
3. Permanent address of the applicant:
 - (i) Village / D.No.
 - (ii) Taluk /ward/Division
 - (iii) District
4. Present occupation of the applicant
5. Is the application for:-
 - (i)
 - (ii) [Permanent, Mini or Mini Digital Cinemas / Drive –in / Touring Cinemas]
 - (iii)
 - (iv) Cinema of special character
6. Place where the cinema is proposed to be located:
 - (i) R.S.No. / Site No./ C.T.S.No.
 - (ii) Village/Extension/Ward/Division
 - (iii) Taluk/Town
 - (iv) District
7. Is the land / site owned by the applicant
8. Is the land / site s not owned by the applicant
 - (i) Name and address of the owner

- (ii) Is document to prove the lawful occupation of the applicant enclosed.
9. Is the applicant is possession of other places if and licensed under the Act.
 (a) Whether is the same locality or elsewhere.
 (b) Whether at the time of applying for license or any previous time?
10. Are the following attached to the application:
 (1) Katha extract
 (2) Certificate to the effect of clearance of land revenue / municipal tax:
 (3) Certificate of conversion of the land for non-agricultural purposes if it is revenue land
 (4) Copy of Form “B”
 (5) Treasury Challan for payment of fees for ‘No Objection Certificate’ under Rule 27 or fees under Rule 28.
 (6) Drawings required under clauses (a) and (b) of Rule 24 (2) or 90.
11. Distance by public road of the proposed site to the:
 (1) Nearest Permanent Cinema
 (2) Nearest Touring Cinema
 (3) Nearest education institution
 (4) Nearest hospital
 (5) Nearest temple or other religious institution.
12. Population of the place according to the latest census figures.
13. Benefit to any particular locality or localities to be afforded by the location of a new place of cinema exhibition.

Place:

Date:

E-Sign / Signature of the Applicant.

Note-1. [Item 10(3) is] not applicable when application is made under Rule 89.

Note-2. [Item 4,9,12 and 13 is] not applicable when application is made under Rule-180B(1).

FORM 'B'

[See rule 24(1) 116 and 180B(3)]

Notice by the Applicant under the Karnataka Cinemas (Regulation) Rules, 2014

Please take notice that I.....son/daughter/wife of.....
 aged.....years, resident of Village/ D.No..... Town.....
 District.....propose locating a [permanent/mini or mini digital/drive-in/touring
 cinemas] on the land belonging to me Shri/Smt.....and
 bearing E.S./Site/C.T.S.No.....Village/Ward/Division.....Taluk/
 Town..... District..... and measuring about.....Sq.M. and bounded as
 under.

(Here give the boundaries of the site and Google Map Copy)

Notice is hereby given that any objections to the location of the said cinema should be
 lodged with District Magistrate of.....District, within such time as may be noticed by
 him.

Owner/Lessee

FORM 'C'

[See rule 25(1), 117 and 180B(3)]

**Notice by the Licensing Authority under the Karnataka Cinemas (Regulation) Rules,
2014**

Whereas Shri / Smt.....son / Daughter / Wife of
 Shri.....aged.....years resident of Village/D.No.....Taluk/Ward
 No/Division..... Town.....District.....has applied to me for the grant of
 'No Objection Certificate' for the location of a [permanent/ mini of mini digital/drive-
 in/touring cinemas] on the land belonging to him/her/Shri/Smt.....and bearing the
 Revenue Survey No.(s)/ Site /
 C.T.S.No.(s).....village/Ward/Division.....Taluk/Town.....District.....
and measuring about.....Sq.M./ and bounded as under:

(Here give the boundaries of the site and Google Map Copy)

Notice is hereby given that any person having any objection to the grant of 'No Objection Certificate' as aforesaid, should lodge his objection in writing with undersigned by theday of 20.....Any objections received beyond the date will not be taken into consideration.

Given under my hand this day.....of 20.....

District Magistrate or Licensing Authority

FORM 'D'

[See rule 27(1), 118(1) and 180B(5)]

No objection Certificate under the Karnataka Cinemas (Regulation) Rules, 2014

In exercise of the powers conferred by Rule 27 of the Karnataka Cinemas (Regulation) Rules, 2014. IDistrict / Additional District Magistrate ofDistrict, do hereby grant this certificate that there is no objection to Shri/Smt.....Son/Daughter/Wife of.....aged.....years, resident of Village/D.No.....Taluk/Ward No/Division.....Town.....District.....for location a [permanent/ mini of mini digital/drive-in/touring cinemas] in the land belonging to him/her Shri/Smt.....and bearing the R.S./ Site / C.T.S.No.(s).....village/Ward/Division.....Taluk/Town.....District.....and measuring about.....Sq.Metres/Ha. and bounded as under:

Please give here description of the site as in Form 'B' and Google Map Copy

(This 'No Objection Certificate' is valid for the period specified in Rules 27 or Rule 118(1) as the case may be.

Given under my hand this.....day of20.....

District Magistrateor Licensing Authority.

3. Amendment of Form F.- For Form F, of the said rules, the following shall be substituted, namely:-

FORM 'F'

[See rule 36, 140 and 180E]

License for Exhibition of Cinematograph shows in [permanent/ mini or mini digital/drive-in cinemas] under the Karnataka Cinemas (Regulation) Rules, 2014.

1. Name and address of licensee
2. If the licensee is not the owner of the Cinema theatre, the name and address of the owner thereof
3. Situation of the cinema theatre
4. Area of the theatre in sq.metres
5. Material of which the roof, side walls, galleries and staircases are made
6. Date of last inspection by the Executive Engineer
7. Date of last inspection by the Electrical Inspector or any person authorized by him in this behalf.
8. Date of last inspection by the Health Officer.
9. Date of last inspection by the Licensing Authority.
10. Special conditions, if any, on which the licence is granted.
11. Period for which the licence is to be in force.
12. Fees paid.
13. Maximum number of persons permitted in each part of the auditorium

Persons

In the First Class

In the

In the

In the

Total

Conditions of the Licence

The licence is granted subject to the provision of the Karnataka Cinemas (Regulation) Act, 1964 and the rules made there under. It is also subject to the following conditions:-

1. During the periods of epidemics and similar health hazards to public or in case of disasters, in general, the Licensing Authority in consultation with the District Health Officer, Taluk Health Officer or the Health Officer of the Municipality, if any, may, if so advised, direct by a notice;-
 - (a) complete closure; if the need arises;
 - (b) a reduction in the scale of accommodation provided in rule 49;
 - (c) to disinfect premises periodically which may include spraying and fumigation; and
 - (d) to adopt of such other measures for better ventilation as may be specified in such notice; and the licensee shall comply forthwith any such direction and in case of failure to do so, the license granted to him shall be liable for cancellation.
2. This licence does not exempt the licensee or his servants or agents from taking out any other licence required by or otherwise complying with any other law, rule or bye-law made there under.
3. (a) The licensee shall not exhibit or permit to be exhibited any film other than a film which has been certified as suitable for public exhibition by the authority constituted under Section 4 of the Cinematograph Act, 1952 and which when exhibited displays the prescribed mark of that authority and has not been altered or tempered with in anyway since such work was affixed thereto;
 [Provided that this condition shall not apply to the exhibition of news reels produced by the
 Films Division, Bombay]
- (b) Any film which has been certified by the Board of Film Censors as suitable for public exhibition restricted to adults to any person who is not an adult;
- (c) any film the exhibition of which is suspended under Section 6 of the Act.

For the purpose of clause (b) of this condition, if there is any doubt as respects the age of any person the decision of the Manager given in good faith as respects the question shall not be questioned; and where the manager has reasonable doubt as respects the age of any person who claims to be an adult the Manager should require such person to make a declaration on the reverse of the counterfoil of his ticket in the following form before admitting him to the film show and explain to him that if on investigation the declaration is found to be false, he shall be liable to be prosecuted for the offence under Section 199 of the Indian Penal Code.

DECLARATION

I,..... residing at (state full address).....hereby solemnly declare that I am over eighteen years of age.

Signature.

4. The licensee shall not exhibit or permit to be exhibited either within or outside the cinema theatre any advertising matter or pictorial representation which is objectionable from the point of view of decency or morality.
5. The licensee shall not display or cause to be displayed any photograph picture or poster which depicts or represents of purports to represent a scene or shot which has been excised from any film under the orders of the Central Board of Film Censor or the Central Government.
6. The Licensee shall prominently exhibit at each public entrance whenever the premises are opened to the public, notice indicating in tabular form and in clear bold letters and figures,-
 - (a) The title of each film to be shown on that day, other than trailers and advertisement films;
 - (b) The approximate time of commencement of each such film;
 - (c) Whether each such film has received an 'A' or 'U' certificate from the Central Board of Film Censors and
 - (d) Whether persons below the age of eighteen years other than children below the age of three years will be admitted or not.
7. The nature of any certificate received in respect of a film from the Central Board of Film Censors shall be clearly indicated by the letter "U" or 'A' in any advertisement of the film displayed at the premises.
8. The Licensing Authority and any subordinate duly authorized by him in that behalf and any police officer deputed to keep order during any entertainment in the licensed premises shall at all times have free access to the said premises in order to see whether the conditions of the license are fulfilled.

9. No fire work shall be used as an adjunct to a cinematograph exhibition.
10. The licensee shall not, without the permission of the Licensing Authority, assign, sub-let or otherwise transfer the license or the licensed premises, nor shall licensee without permission as aforesaid allow any other persons during the period of currency of the license, to exhibit films in the licensed premises.
11. The licensee shall not exhibit any film in the licensed premises, in aid of any person, association or institutions, without the permission of the Licensing Authority.
12. No cinematograph exhibition shall continue after such time not later than 1AM as may be fixed by the Licensing Authority.
13. The licensee shall display the approved National Anthem in such manner and or such time as may be required by the Licensing Authority.
[12-A, the licensee shall exhibit Kannada film for a period of not less than twelve weeks in a year.]
14. The license shall be subject to cancellation or suspension for the breach of any of these conditions or of the special conditions specified on the reverse (or for violation of any law in force governing or regulating amusements and prescribing payment of taxes.)

Dated the day of 20

Seal

District Magistrate

By order and in the name of
Governor of Karnataka,

(B.S. Nagarathnamma)
Deputy Secretary to Government,
Home Department
(Crimes, Prisons & Cinema)

GOVERNMENT OF KARNATAKANotification No: **ENERGY/209/VSC/2021**Karnataka Government Secretariat
Energy Department, Vikasa Soudha,
Bengaluru, Dated:16-04-2022.**NOTIFICATION**

The Government of Karnataka hereby notifies “**Karnataka Renewable Energy Policy 2022-2027**” as detailed in Annexure, to continue Karnataka State’s position as a preferred investment destination in the Renewable Energy sector and create an ecosystem for sustainable and green energy development in the State. This Policy is developed to facilitate Government of India in meeting the RE target of 500 GW by 2030 and to promote new initiatives and emerging energy technologies in the State.

This policy shall come into force from the date of its issuance in the official gazette and will be valid for a period of five years or till a new Policy is announced.

Annexure



Energy Department
Government of Karnataka

Karnataka Renewable Energy Policy 2022-2027

1.Preamble

1.1. Need for Karnataka Renewable Energy Policy 2022-2027

Karnataka is among the leading States in Renewable Energy (RE) sector in the country with a RE generation capacity of about 15,392 MW (as on December, 2021).The State has achieved its stature through its effective Policy, programs and implementation.

The State is endowed with RE potential which includes solar, wind, solar-wind hybrid, biomass, co-generation, Waste to energy, small hydro and other renewable energies that makes Karnataka a favorable destination for RE investments in India. Karnataka has about 1,55,074 MW of estimated RE potential, making it one of the country's top five renewable rich States.

Karnataka is the first southern State in India to notify "Karnataka Renewable Energy Policy 2009-14" in 2009 to harness green, clean renewable energy sources for environmental benefits and energy security. The Policy initiatives have enabled the State to achieve the capacity addition of 2,014 MW during the 5 years of Policy period. Further, to harness the potential of solar resources in the State, Government of Karnataka had published Solar Policy vide GO no EN 61 NCE 2011 for the period 2011-2016, and subsequently the Policy had been amended and published as "Karnataka Solar Policy 2014-21" vide GO no EN 21 VSC 2014 for the period 2014-2021.Karnataka Solar Policy 2014-21 had targeted for development of 6,000 MW solar capacity by 2021 and the State has surpassed the target with a solar installed capacity of 7,523 MW as on Dec 2021. In order to further harness, the potential of RE in the State, the Karnataka Renewable Energy Policy 2022-2027 has been envisaged by the Government of Karnataka.

As RE become cheaper generation source for electricity in India (especially solar and wind energy), efforts are being made to initiate gradual replacement of existing conventional power generation capacities with renewable power generation capacities. The key advantage of conventional power generation is high Plant Load Factor (PLF), firmness and flexibility in power supply. In order to have same attractiveness, RE sources shall have these three attributes and the Karnataka Renewable Energy Policy 2022-2027 may promote such RE projects like solar-wind hybrid with energy storage or any other renewable energy with storage system which shall provide high PLF, firmness and flexibility in supply.

The recent demand for Round-the-Clock (RTC) supply, peak power supply, higher Capacity Utilization Factor (CUF), higher availability and bundling RE with thermal power for RTC supply gives an opportunity for Karnataka to encourage such RE projects in the State. Further, the falling trend of RE tariffs in the country gives an additional opportunity for Karnataka to develop further green energy projects in the State which shall help to have cost effective power supply in long term. In addition, the advancement of technologies (i.e. efficiency gain, performance improvements etc.,) in solar, wind, and energy storage coupled with declining cost of technologies; and the existence of demand for cost effective renewable energy in the country from other States lays a prospect for Karnataka to develop more RE projects.

Keeping the RE potentials in the State and above opportunities into consideration, the Karnataka Renewable Energy Policy 2022-2027 aims at deepening the RE markets in the State and make Karnataka an attractive destination for investors in the RE sector. The focus of Karnataka Renewable Energy Policy 2022-2027 is to advance the RE market development in the State and facilitate Government of India in meeting the RE target of 175 GW by the year 2022 or any other capacity targeted thereafter.

1.2.Applicability of Karnataka Renewable Energy Policy 2022-2027

- a. This Policy will be applicable to projects and programs relating to the focus markets as covered under provision 4 of this Policy.
- b. All Solar, Wind, Solar-Wind Hybrid, Energy Storage, Mini and Small-Hydro, Biomass, Co-generation, Waste to Energy projects and new initiatives/pilot projects established in the State of Karnataka during the Policy period shall be eligible for benefits under this Policy.
- c. Any individual or company or body corporate or association or society or body of individuals, whether incorporated or not shall be eligible for setting up RE projects, either for the purpose of captive use and/or for selling of electricity to the Distribution Licensee or Third Party including under the Renewable Energy Certificate (REC) mechanism subject to provisions of this Policy and in accordance with the Electricity Act 2003, as amended from time to time.
- d. This Policy supersedes all the earlier Solar and RE policies issued. This Policy will be applicable to all the RE projects sanctioned prior to the commencement of the Policy and those RE projects in the process of development i.e. if a project developer with Government Order (GO) issued prior to the commencement of this Policy applies for timeline extension or transfer, the applicable timelines, time extension fees and transfer fees shall be as per the provisions 7.1 and 7.2 of this Policy. Similarly, those project applications which are submitted before the commencement date of this Policy, but receive GO on or after the commencement date of this Policy shall have the timelines, time extension fees, transfer fees and Performance Bank Guarantee as Stated in the provisions 7.1 and 7.2 of this Policy. In case of any discrepancies between the provisions of this Policy and earlier Policies for the allotted projects, the Energy Department, Government of Karnataka shall examine it on case to case basis, and the decision of Government shall be final.

1.3.Legislative Framework for Policy

The legislative framework for this Policy includes the following provisions:

- a. The Electricity Act, 2003 ensures that the Electricity Regulatory Commissions and the Governments to take necessary steps to promote Renewable Energy;
- b. Section 61(h) of the Act provides that while specifying the terms and conditions of determination of tariff, State Regulatory Commissions shall be guided, inter-alia, by the promotion of cogeneration and generation of electricity from renewable sources of energy;
- c. The National Electricity Policy (NEP) and Tariff Policy notified by the Central Government under the provisions of section 3(1) of the Act have also addressed the issues of untapped potential of energy from non-conventional and renewable energy sources; and
- d. Section 86(1)(e) of the Act mandates State Electricity Regulatory Commissions (SERCs) to notify Renewable Purchase Obligations (RPOs), ensures RPO compliance and invoke penal provisions against defaulting entities.

Orders/Regulations or any other dispensation issued by the Karnataka Electricity Regulatory Commission (KERC) from time to time shall be applicable to the provisions of this Policy including the Acts passed by Government of India. In case of any discrepancy between the provisions of this Policy, Orders/Regulations issued by the KERC will prevail.

2. Abbreviations and Definitions

Unless the meaning is repugnant to the context, the following words shall have the meanings assigned to them.

1. "ABT" means Availability Based Tariff;
2. "Act" means The Electricity Act, 2003, including amendments thereto;
3. "ALMM" means Approved List of Models and Manufacturers as per MNRE;
4. "Biomass Projects" means project which utilizes biomass like bagasse, agro-based industrial residue, crop residues, wood produced through energy plantations, weeds, wood waste produced in industrial operations, etc for energy generation;
5. "CEA" means Central Electricity Authority;
6. "CERC" means Central Electricity Regulatory Commission, constituted under sub-section (1) of Section 76 of the Electricity Act, 2003;
7. "CNG" means Compressed Natural Gas;
8. "CPCB" means Central Pollution Control Board;
9. "CSP" means Concentric Solar Power;
10. "CTE" means Consent to Establish;
11. "CTU" means Central Transmission Utility;
12. "CUF" means Capacity Utilization Factor;
13. "Procurer" means electricity distribution companies other than ESCOMs of Karnataka;
14. "DPR" means Detailed Project Report;
15. "DSS" means Distribution Substation;
16. "EHV" means Extra High Voltage;
17. "ESaS" means Energy Storage as Services;
18. "ESCOM" means Electricity Supply Company in the State such as BESCOM (Bangalore Electricity Supply Company Limited), MESCOM (Mangalore Electricity Supply Company Limited), HESCOM (Hubli Electricity Supply Company Limited), GESCOM (Gulbarga Electricity Supply Company Limited), and CESC (Chamundeshwari Electricity Supply Corporation Limited);
19. "Energy Storage System or ESS" means the system(s) installed in addition to the RE power capacity as part of the Project, that can capture energy produced at one time for use at a later time;
20. "EV" means Electric Vehicle;
21. "GSDP" means Gross State Domestic Product;
22. "GEC" means Green Energy Corridor;
23. "GO" means Government Order;

24. "Gol" means Government of India;
25. "GoK" means Government of Karnataka;
26. "GST" means Goods and Services Tax;
27. "GW" means Giga Watt;
28. "INR" means Indian Rupees;
29. "InSTS" means Intra-State Transmission System using which the projects can sell energy to ESCOMs or open access consumers within the Karnataka;
30. "ISTS" means Inter-State Transmission System using which the projects can sell energy to procurers or open access consumers outside the Karnataka;
31. "KERC" means Karnataka Electricity Regulatory Commission
32. "KPCL" means Karnataka Power Corporation Limited;
33. "KPTCL" means Karnataka Power Transmission Corporation Limited;
34. "KREDL" means Karnataka Renewable Energy Development Limited;
35. "KSPDCL" means Karnataka Solar Power Development Corporation Limited;
36. "KM" means Kilo Meter;
37. "LTA" means Long-Term Access;
38. "Mini and Small Hydro" means hydro power plants of 0.1 MW to 2 MW as Mini Hydro power plants, and hydro power plants of more than 2 MW and less than 25 MW as Small Hydro power plants;
39. "MNRE" means Ministry of New & Renewable Energy, a Government of India Ministry responsible to develop and deploy new and renewable energy for supplementary energy requirement of the country;
40. "MSW" means Municipal Solid Waste;
41. "MW" means Megawatt;
42. "MWac" means Megawatt ac;
43. "MWp" means Megawatt peak;
44. "NEP" means National Electricity Policy;
45. "NIWE" means National Institute of Wind Energy;
46. "NOC" means No Objection Certificate;
47. "Open Access" means the non-discriminatory provision for the use of transmission lines or distribution system or associated facilities with such lines or system by any licensee or consumer or a person engaged in generation in accordance with the Regulations specified by the Appropriate Commission
48. "P2P" means Peer-to-Peer;
49. "Park developer" may be either any agency of State Government; or any agency of central Government; or Joint venture or Special Purpose Vehicle (SPV) of State

Government agency and central Government agency; or private developer; or Public Private Partnership (PPP) of State Government agency and private developer.

50. "PFR" means Pre-Feasibility Report;
51. "PGCIL" means Power Grid Corporation of India Limited;
52. "PHS" means Pumped Hydro Storage;
53. "PM-KUSUM" means Pradhan Mantri Kisan Urja Suraksha evam Utthan Mahabhiyan;
54. "PLF" means Plant Load Factor;
55. "Project Developer" means a person who develops and /or maintain Renewable Energy projects and also creates and/or maintain common infrastructure facilities including required power systems;
56. "Policy" means Karnataka Renewable Energy Policy 2022-2027;
57. "PPA" means Power Purchase Agreement;
58. "PPP" means Public Private Partnership;
59. "PV" Photovoltaic;
60. "R&D" means Research and Development;
61. "RE" means Renewable Energy;
62. "RE Projects" means a project generating electrical energy from Renewable energy sources as defined by MNRE, including, but not limited to Solar PV Power Project or Wind Power Project or Hybrid Power Projects or Small Hydro Power project or biomass, biofuel, urban or municipal waste and other such sources as approved by MNRE thereof, with or without Energy Storage System (ESS).
63. "RE Certificate" means Renewable Energy Certificate;
64. "RLMM" means Revised List of Models and Manufacturers;
65. "RPO" means Renewable Purchase Obligation;
66. "RT&C" means Rights, Tenancy & Crops;
67. "RTC" means Round-the-Clock;
68. "SATAT" means Sustainable Alternative Toward Affordable Transportation;
69. "SECI" means Solar Energy Corporation of India Ltd;
70. "SERC" means State Electricity Regulatory Commission;
71. "SLAC" means StateLevel Allotment Committee constituted under the provision of this Policy;
72. "SLDC" means State Load Despatch Centre;
73. "SPV" means Special Purpose Vehicle;
74. "State" means State of Karnataka;
75. "STU" means State Transmission Utility;

76. “ULB” means Urban Local Body;
77. “UMREPP” means Ultra-Mega Renewable Energy Power Parks;
78. “Waste to Energy Project” means project which recovers energy in the form of Biogas or Bio-CNG or Power from Urban, Industrial, Agricultural Waste / Residues and Municipal Solid Waste.
79. “Wind-Solar Hybrid Projects” means a deployment of a combination of solar and wind energy sources for generation of power fed into the grid through a common pooling station/evacuation system wherein the capacity of one resource is as per the National Wind-Solar Hybrid Policy 2018, No.238/78/2017-Wind, dated 14 May 2018, issued by Ministry of New & Renewable Energy (MNRE) and its amendments or as per the guidelines issued by MNRE for Hybrid Projects from time to time.
80. “WRD” means Water Resource Department;
81. “WRDO” means Water Resources Development Organization;
82. “WTG” means Wind Turbine Generator.

The terms not defined above will have their usual meaning.

3. Policy Overview

3.1. Vision

To continue Karnataka State’s position as a preferred investment destination in the RE sector and create an ecosystem for sustainable and green energy development in the State.

3.2. Objectives

Accordingly, the State Government introduces the “**Karnataka Renewable Energy Policy 2022-2027**” with the following objectives:

1. To facilitate development of **10 (Ten) GW** of additional RE projects with or without energy storage systems in the State, including up to 1(One) GW of Rooftop solar PV projects;
2. To attract investment in the RE sector and development of State economy;
3. To tap RE potential in the State and use of available resources for development of RE projects for the purpose of meeting the RE demand within the State and exporting power outside Karnataka;
4. To achieve the RPO target(s) as specified by the KERC from time to time;
5. To develop Renewable Energy Parks including hybrid parks in the State;
6. To encourage private sector participation in transmission network/Green Energy Corridor projects;
7. To develop ecosystem for distributed generation through Solarization of agriculture feeders and pumps which can help deferment of transmission and distribution capacity addition and reduction in losses;
8. To promote adaptation of electric vehicles and de-carbonize transportation in the State by encouraging use of cleaner renewable energy in the transportation sector;
9. To promote energy storage projects in the State;
10. To create energy storage market in the State to integrate more RE into the grid and offer grid support services such as peak reduction, curtailment management, contribution to reliability needs, transmission deferrals, intraday and seasonal variation management, and others;

11. To promote development of wind-solar hybrid projects;
12. To promote development of floating solar including hybridization of floating solar with existing hydro stations;
13. To promote generation of energy through biomass, and waste-to-energy; and
14. To promote new initiatives and emerging energy technologies in the State.

3.3. Policy Period

This Policy shall come into effect from the date of issuance and will be valid for a period of five years or till a new Policy is announced.

This Policy will be evaluated on regular basis to assess its impact, and to ensure inclusion of any new RE market/guidelines of Government of India (GoI)/Government of Karnataka (GoK) that may evolve during the Policy period.

4. Focus Markets

To advance the development of RE markets and to stimulate the sustainable economic growth through green investments in the State, this Policy focuses on development of key markets in the State of Karnataka as listed below:

Market 1: Green Energy Corridor	
Market 2: Renewable Energy Parks	
Market 3: Solar Energy Projects	
Market 4: Wind Energy Projects	
Market 5: Solar-Wind Hybrid Energy Projects	
Market 6: Energy Storage Projects for Renewable Energy	
Market 7: Biomass Projects	
Market 8: Co-generation Projects	
Market 9: Waste to Energy Projects	
Market 10: Mini and Small-Hydro Projects	
Market 11: New Initiatives/Pilot Projects/R&D	

4.1. Green Energy Corridor

- a. Karnataka is the leading State in development of RE projects in India, and having the highest installed capacity of renewable energy i.e. about 15,392 MW (as on Dec 2021) in the country. This positions Karnataka as leader in RE investments in the country.
- b. To attract more RE investments in the State, Karnataka is strengthening its transmission infrastructure and this Policy will focus on development of Green Energy Corridor for evacuation of large-scale RE projects.

4.2. Renewable Energy Parks

- a. Karnataka is home to one of the World's largest solar parks "Pavagada Solar Park" with an operational capacity of 2,050 MW. The State has also hosted private solar farms to accommodate solar power projects.
- b. In November 2020, Ministry of New and Renewable Energy has come up with a concept note for development of wind park/wind solar hybrid park in selected renewable rich States of India including Karnataka. Objective of the concept note is to develop Wind-Solar Hybrid Power Parks with optimal utilization of land and transmission network. In the concept note, MNRE has identified sites for park development in Karnataka at Chitradurga, Davanagere and Ballary estimated to have a cumulative development potential of about 11,065 MW.
- c. To develop further RE parks including Ultra Mega Renewable Energy Power Parks (UMREPP) in Karnataka, this Policy focuses on development of solar parks or wind parks or hybrid RE parks within the State.

4.3. Solar Energy Projects

- a. Karnataka is the leading State in installation of solar energy capacity in the country. As on December 2021, the installed capacity of solar energy in the State is about 7,523 MW which is the highest among renewable rich States in India.
- b. To tap the existing solar energy opportunities in the State and to cater to the demand of low-cost solar energy within the country, this Policy will focus on promotion and development of following solar markets in the State:
 1. Grid connected MW scale solar projects;
 2. Rooftop Solar PV Projects;
 3. Distributed Solar Generation;
 4. Ground mount and Rooftop Solar PV Projects for charging the Electric Vehicles (EVs) and Battery Swapping Stations; and
 5. Floating Solar Projects

4.4. Wind Energy Projects

- a. As on December 2021, the installed capacity of wind energy in the State is about 5,095 MW.

- b. To tap the existing wind energy opportunities in the State and to cater to the demand of low-cost wind energy within the country, this Policy will focus on development of wind markets viz., new wind energy projects as well as Repowering of existing wind projects.

4.5. Solar-Wind Hybrid Energy Projects

- a. Karnataka is a renewable rich State with availability of both solar and wind resources. Hybridization of solar and wind energy will complement each other in meeting the demand and it also addresses the intra-day and seasonal generation variation resulting in higher availability.
- b. To tap the existing solar-wind hybrid energy opportunities in the State and to cater to the demand of low cost, higher availability renewable energy, this Policy will focus on development of solar-wind hybrid markets like hybridization of existing projects and developing new hybrid projects in the State.

4.6. Energy Storage Projects for Renewable Energy

- a. Karnataka has a renewable penetration of about 50% in terms of installed capacity and about 30% in terms of energy consumption (as on December 2021). In order to accommodate more RE for optimal utilisation, the energy storage system is a key requirement.
- b. This Policy will focus on development of energy storage market including pumped hydro storage in the State with the objective of integrating more RE in to the grid which can offer grid support services such as peak reduction, curtailment management, contribution to reliability needs, managing intraday variation and seasonal variation and others and also, to meet the increasing power demand of the State through renewable energy.

4.7. Biomass, Co-generation and Waste to Energy Projects

- a. Karnataka is one of the leading States in development of biomass projects in India, as the State has strong agricultural activities with vast biomass resources. The State has installed about 139 MW biomass projects and 1,731 MW of co-generation projects as on December 2021. The State has approved various Waste-to-Energy projects using Municipal Solid Waste (MSW) and some of them are in the pipeline.

- b. To tap the existing biomass and waste to energy market opportunities, this Policy will continue to focus on development of following markets in the State:
1. New biomass projects;
 2. New co-generation projects; and
 3. New waste to energy projects.

4.8. Mini and Small-Hydro Projects

- a. Karnataka is endowed with hydro power potential which is estimated to be about 3,100 MW out of which the State has installed about 903 MW of small hydro capacity as on December 2021.
- b. To tap the existing mini and small-hydro market opportunities, this Policy will continue to focus on development of mini and small-hydro markets in the State.

4.9. New Initiatives/Pilot Projects/Research and Development (R&D)

- a. The Government of Karnataka is always a forerunner in evaluating and adapting new RE markets in the country. This Policy will continue to support new technologies such as off-shore wind energy, tidal and wave energy, rooftop aero turbine with solar, highway's aero turbine, hydrogen and fuel cells, Bio-Compressed Natural Gas, Concentrated Solar Power and other markets on case-to-case basis to evaluate the feasibility.
- b. To encourage solar thermal market, solar steam generating systems at institutions and industries. Solar water pumps, water purification systems, solar application to cottage industries shall be priority areas. To conserve electricity in peak hours solar water heaters, solar lighting systems, solar hoardings etc shall be encouraged in domestic, commercial and industrial applications.
- c. State Government shall endeavour Research and Development activities for advancement of RE in the State.

5. Policy Measures

5.1. Incentives to all Focus Markets

The incentives that shall be provided by the Government of Karnataka for the markets focuses under this Policy are

a. Energy Sale

1. The RE project developers can sell the energy to ESCOMs/Procurers, intermediaries or any consumer under open access (captive/group captive and third party sale including bulk consumers, through Power Exchanges) both within Karnataka and/or outside the State under this Policy to promote Intra State Transmission System and Inter State Transmission System category projects, as per the provision of the Electricity Act, 2003 and in accordance with guidelines issued by the CERC/KERC from time to time. The RE project developer may also set up projects under the Renewable Energy Certificate mechanism in accordance with CERC (Terms and Conditions for Recognition and Issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010, and as amended from time to time.
2. The renewable obligated entities are allowed to set up RE projects to fulfill their Solar and Non-Solar Renewable Purchase Obligation (RPO) requirements.

b. Land

1. It shall be the responsibility of the RE project developer to acquire/lease the land required for the project development.
2. The process of land procurement and conversion for RE projects shall be as below:
 - a. Where permission to purchase agriculture land under section 109 of Karnataka Land Reforms Act, 1961 is required, the process of procurement and conversion of land shall be as per the State Industrial Policy and its amendments issued from time to time and as per the Karnataka Land Reforms (Amendment) Act, 2020, DPAL 08 SHASANA 2020, dated 27.04.2020 and its amendments from time to time.
 - b. Once the project is approved/issued NOC by SLAC/Energy Department, Government of Karnataka, and after following the procedures as indicated in the Revenue Department circulars No. RD 01 LRM 2016 dated 03.02.2016 and No. RD/LGP/2015 dated 01.12.2015, the land required for the projects will be considered deemed converted.
 - c. The project developer shall not require obtaining project approval (excluding applicable statutory approvals) from any other Government departments.

3. RE projects developers will be allowed to start the project execution on filing of application for conversion of agriculture land, along with the payment of specified fees.
4. Allocation of land to solar and wind power projects shall be as per clause 6.2 of this Policy
5. The wind projects, solar-wind hybrid projects/parks, and mini and small hydro projects shall be approved by the State Level Allotment Committee chaired by the Additional Chief Secretary/Principal Secretary to Government, Energy Department
6. The other RE projects (i.e. solar projects/parks, and energy storage projects, biomass, co-generation and waste-to-energy) shall be approved by the Energy Department, Government of Karnataka.
7. All RE projects are proposed to be treated as manufacturing industry and they are eligible for incentives and concessions, as applicable to manufacturing industry mentioned in the State Industrial Policy and its amendments from time to time, except the investment promotion subsidies.

c. Connectivity

c.1. Projects connected to STU

1. Project developer is allowed to connect the RE project with State Transmission Utility (STU) for InSTS category projects, subject to the evacuation feasibility.
2. The project developer shall enter into the Connectivity Agreement with KPTCL (as per the Standard Format approved by KERC).
3. Project developer shall be responsible for connecting the generation station to the nearest grid sub-station and connect radially with a dedicated transmission line, in accordance with applicable CEA/CERC/KERC Regulations and its amendments issued from time to time.
4. Time bound clearance for transmission evacuation approval from KPTCL will be provided within 60 days from the date of receipt of requisite documents for registration. In case, ESCOM's network is utilized for evacuation, concerned ESCOMs shall provide the evacuation approval within 45 days from the date of receipt of requisite documents for registration.
5. Supervision charges for RE projects shall be as per KPTCL notifications issued from time to time.
6. For use of InSTS by the project developer, the applicable transmission charges and losses, as determined by KERC in its tariff orders issued from time to time shall be applicable for all RE sources transmitting electricity using the network of State transmission licensee.
7. Wheeling, Banking, Cross Subsidy Surcharge and any other applicable open access charges shall be as determined by KERC from time to time.
8. Applicability of electricity duty to the RE projects developed under this Policy shall be as per the direction of Government of Karnataka issued from time to time.
9. In case of drawl of reactive power for the project, necessary charges shall be payable at the rate prescribed by the KERC.
10. The project developers shall comply with the KERC/CERC Regulations on Forecasting, Scheduling, and Deviation Settlement, as applicable and are responsible for all liabilities related to Long-Term Access (LTA), Medium-Term Access (MTA) and Short Term Access (STA), and connectivity.

c.2. Projects connected to CTU

1. Project developer is allowed to connect the RE project with Central Transmission Utility for ISTS category projects and the procedure for grant of connectivity with ISTS shall be as per relevant CERC Regulations and its amendments issued from time to time.
2. For use of ISTS by the project developer, the applicable transmission charges and losses, as determined by CERC in its tariff orders issued from time to time shall be applicable for all RE sources transmitting electricity using the network of central transmission licensee.
3. No banking facility is extended for RE projects implemented under ISTS category.
4. In case of drawl of reactive power for the project, necessary charges shall be payable at the rate prescribed by the CERC/KERC.
5. The project developers shall comply with CERC Regulations on Forecasting, Scheduling, and Deviation Settlement, as applicable and are responsible for all liabilities related to Long-Term Access, Medium-Term Access and Short Term Access and connectivity.
6. The project developers shall follow the procedure laid down by central agencies related to connectivity with CTU network. All liabilities on account of connecting the project to CTU shall be borne by the project developer.

c.3. Projects connected to CTU through STU

1. To make use of the existing Intra-State evacuation infrastructure, the project developers are allowed to connect with nearest available STU substation for connecting with CTU under ISTS category projects subject to technical feasibility as determined by KPTCL.
2. The project developer(s) shall bear the entire cost of the existing or new external evacuation infrastructure including connecting line, grid substations and upstream network up to the CTU. The construction of new such network infrastructure shall be carried out by the developer at his cost under the supervision of KPTCL, and the assets other than the pooling substation of RE project and the Extra High Voltage (EHV) line connecting it radially to the KPTCL substation, shall be handed over to KPTCL after the commissioning of the RE project. The new network augmentation required for this purpose shall be determined by KPTCL. Further, developers opting for this option shall pay the O&M charges to KPTCL as per KERC/CERC orders issued from time to time only for those assets handed over to KPTCL. The developers shall also bear the transmission charges and losses.
3. The project developers shall follow the procedure laid down by central agencies. All liabilities on account of connecting to CTU shall be borne by the project developer.
4. In case the project developer uses InSTS to bring RE power at ISTS point, the project developer shall do the same as per KPTCL specifications duly complying with CEA/CERC/KERC Regulations and its amendments issued from time to time.

d. Additional Incentives as per Industrial Policy

All RE projects of both InSTS and ISTS shall be eligible for incentives as per the State Industrial Policy and its amendments issued from time to time, except the investment promotion subsidies.

e. Project Allotment

1. The State will facilitate the project allocation through application process and Karnataka Renewable Energy Development Limited shall be the nodal agency for processing such applications.
2. The allocation of solar projects/parks, and energy storage projects shall be approved by Energy Department, Government of Karnataka on recommendation of KREDL.

3. The allocation of wind projects, solar-wind hybrid projects/parks, and mini and small hydro projects shall be approved by SLAC on recommendation of KREDL.
4. In case of biomass, co-generation and waste-to-energy projects, the NOC shall be issued by Energy Department, Government of Karnataka on recommendation of KREDL.
5. Project/Park developer shall submit the tentative land documents and topo sheet along with the application.
6. Distribution Licensees (ESCOs) shall be the nodal agency for implementation of Solar Roof top projects.

f. Other Government Schemes

1. The Government of Karnataka will promote RE projects/parks as per the schemes of the State Government/Central Government issued from time to time.
2. Any applicable Government schemes (State and Central) can be explored by the RE project/park developer for the purpose of project development under this Policy.
3. The Government of India incentives under MNRE RE schemes (or any others), such as Central Financial Assistance, concessional custom duty on specified items and others as applicable shall be extended to the project developer under this Policy.
4. The State shall continue to support implementation of RE programs and schemes of the MNRE.

g. Clearances

1. It shall be the responsibility of the RE project developer to obtain various statutory clearances required for the project development. KREDL shall facilitate project developer in obtaining the consents, clearances, and permits required for the RE projects, by providing letters of recommendation to the concerned authorities, as may be requested by the project developer. KREDL shall not be responsible for delays in obtaining the consents, clearances, and permits required for the RE projects.
2. NOC/Consent to establish RE projects shall be governed as per the Central Pollution Control Board/Karnataka State Pollution Control Board guidelines and/or Notifications issued from time to time.
3. Solar PV modules shall comply with Approved List of Models and Manufacturers as per MNRE or as per the minimum technical specifications for Solar PV plant as set out by the MNRE guidelines issued from time to time.
4. Wind Turbine Generator models shall comply with Revised List of Models and Manufacturers as per the MNRE directions issued from time to time.

h. Energy Storage

1. RE project is allowed to develop with or without energy storage system under this Policy as per the guidelines issued by the GoI/GoK from time to time.

i. Metering and Connectivity

1. For interconnection with the grid and metering, the project developer shall abide by applicable Grid Code, Grid Connectivity Standards, and Regulations on Communication System for transmission of electricity and other Regulations issued by the KERC/CERC and CEA from time to time.
2. The interface metering point shall be the point of connectivity at the STU Substation.

5.2. Additional Policy Measures Specific to Focus Markets

The Policy measures specific to the focus markets in addition to the incentives areas below:

5.2.1 Green Energy Corridor

a. Promotion of Green Energy Corridor

The GEC project aims at synchronizing electricity produced from renewable sources, such as solar, wind and others, with conventional energy sources in the grid. The GEC project is being implemented by respective State Transmission Utility allocating the work through competitive bidding process.

b. Support for Green Energy Corridor

1. The Government of Karnataka will encourage private sector investments and/or Public Private Partnership under this Policy for developing Renewable Energy parks. The dedicated transmission line from RE Generator to STU Substation shall be constructed by the project developer in accordance with provisions under Section-10 of the Electricity Act, 2003.
2. The Government of Karnataka will promote development of GEC projects as per the guidelines or schemes of State Government/Central Government issued from time to time.

5.2.2. Renewable Energy Parks, and Projects Developed within the Park

a. Promotion of Renewable Energy Park

This Policy aims to promote development of RE Parks with or without storage in the State which includes solar parks and/or wind parks and/or hybrid parks (i.e. Solar-Wind or any other renewables).

b. Park Size

The minimum capacity of each park shall be 25 MW and the maximum park capacity shall be as per the guidelines or schemes of MNRE as issued from time to time.

c. Park Developer

The park developer may be either of the following:

1. Any agency of State Government;
2. Any agency of Central Government;
3. Joint venture or Special Purpose Vehicle of (1) and (2);
4. Private developer; and
5. Public Private Partnership of (1) and (4)

In case of (1) to (3) above, the Government of Karnataka shall designate the Renewable Energy Park developer on nomination basis which may be Karnataka Solar Power Development Corporation Limited or any other State government agency. While in case of (4) and (5) above, the Government of Karnataka shall select the private developer through transparent competitive bidding, for which the State Government would develop transparent guidelines in line with the

Central Government guidelines, if any, consisting of financial and technical aspects for selection of private park developer.

The Government of Karnataka will promote development of RE Parks under PPP model with Private sector developers by investing up to 50% equity or any other percentage of equity participation as decided by the State Government. The cost of land allotted and any other infrastructure including transmission system by the State Government can be part of its equity participation under PPP model.

The Government of Karnataka or any other State agency designated by it will promote development of Ultra Mega Renewable Energy Power Parks on its own or through joint venture with Central Public Sector Undertakings.

Apart from the above, the private park developers are free to setup the parks for development of RE projects under open access route (captive/group captive/ third party sale) for sale of energy within and outside the State. Such parks shall not be eligible to avail CFA under MNRE park schemes.

d. Projects within Renewable Energy Park

1. The projects developed within the RE Park can sell energy to ESCOMs/Procurers, intermediaries like SECI or any consumer under open access (captive/group captive and third party sale including bulk consumers) both within Karnataka and/or outside the State to promote InSTS and ISTS category projects.
2. Hybrid Projects can be Wind-Solar or any other RE sources with or without energy storage system.
3. The rated capacity of one resource (wind or solar) shall be as per the National Wind-Solar Hybrid Policy 2018, No.238/78/2017-Wind, dated 14 May 2018, issued by the MNRE or as per the guidelines issued by MNRE for Hybrid Projects from time to time.

e. Other Supports Specific to Renewable Energy Park Development

1. The Government of Karnataka will promote Renewable Energy Parks as per the guidelines or prevailing schemes of State Government/Central Government including MNRE schemes for development of Solar Parks and Ultra Mega Solar Power Projects and MNRE scheme on Wind-Solar Hybrid Parks and its amendments.
2. In case of development of Renewable Energy Parks by Private developer for open access projects, the State shall facilitate the park allocation through application process.

5.2.3. Solar Energy Projects

a. Promotion of Solar Energy Projects

This Policy aims to promote the Solar Energy Projects including:

1. MW scale grid connected projects for InSTS category projects i.e., sale of energy to ESCOMs and/or open access consumers within Karnataka;
2. MW scale grid connected projects for ISTS category projects i.e., sale of energy to Procurer's and/or open access consumers outside Karnataka;
3. Rooftop Solar PV projects;
4. Distributed Generation i.e., Solarization of agriculture feeders and pumps;
5. Ground mount and Rooftop Solar PV projects for charging Electric Vehicles and Battery Swapping Stations; and

6. Floating Solar Projects.

b. Supports for Promotion of MW Scale Projects

1. Solar projects having a minimum capacity of 1 MWac shall be considered as MW scale grid connected solar project under this Policy. In the case of captive/group captive projects, there shall be no minimum capacity limit for allotment of projects.
2. Project developer can install the MW scale solar projects either on land or rooftop or floating area or canal top or combination of either of the above, subject to the evacuation feasibility. In the case of solar projects implemented on canal top, the incentives shall be as per applicable MNRE schemes or programs.

b.1. Solar Projects for Sale of Energy within Karnataka

1. Selection of projects under InSTS category (excluding open access projects) shall be through a competitive bidding process, as per the requirement of ESCOMs in the State to fulfill RPO target fixed by the KERC or any requirements beyond RPO target subject to the approval of the KERC.
2. Project developer shall be allowed to develop the MW scale solar projects through open access route under this Policy for sale of energy within the State subject to evacuation feasibility.

b.2. Solar Projects Implemented within the Premises

1. Project developer is allowed to setup the off-grid solar project within the same premises for self-consumption duly informing the ESCOMs.
2. In case, the solar PV project is setup within the premises of a consumer which is connected to the grid interface of ESCOMs or KPTCL, he shall pay the grid support charges and other applicable charges as determined by the KERC from time to time. However, the project developer is exempted from payment of such charges, if the project within the premises is not connected to the grid interface.
3. Net-metering facility shall not be applicable for solar projects installed within the premises under this category which are connected to the grid interface of ESCOMs or KPTCL.
4. Any inadvertent injection of energy into the grid from the project setup within the premises which is connected to the grid interface shall not be compensated/paid by the ESCOMs/KPTCL.
5. For off-grid solar projects, the project developer shall obtain the safety approval from the Department of Electrical Inspectorate, as per the Orders issued by the Government of Karnataka from time to time.

b.3. Solar Projects for Sale of Energy outside Karnataka

1. Selection of projects under ISTS category shall be through a competitive bidding process as conducted by intermediaries such as SECI, NTPC and others.
2. Project developer can also develop the MW scale projects under open access route under this Policy for sale of energy outside the Karnataka in

accordance with guidelines issued by appropriate authorities from time to time.

c. Supports for Promotion of Rooftop Solar PV Projects

1. It is targeted to achieve up to 1,000 MW of grid connected Rooftop Solar PV projects under this Policy.
2. Implementation of grid connected rooftop solar PV projects shall be administered by respective ESCOMs (including registration, approval, metering protocols, safety protocols, and standards).
3. The project developer shall obtain the safety approval from the Department of Electrical Inspectorate for rooftop solar PV projects, as per the Orders issued by the Government of Karnataka from time to time.
4. The Government of Karnataka will support implementation of Rooftop Solar PV projects as per the prevailing MNRE scheme of "Grid Connected Solar Rooftop Programme" and its amendments or any other forthcoming programs.
5. The Government of India incentives under MNRE schemes (or any others) such as Central Financial Assistance, concessional custom duty on specified items and others shall be extended to the project developer under this Policy.

c.1.Grid connected Rooftop solar PV projects under Net Metering and Gross Metering

1. The Government of Karnataka shall promote grid connected rooftop solar PV projects on public buildings, domestic buildings, commercial and industrial establishments and others through net metering/gross metering arrangements as per the KERC (Implementation of Solar Rooftop Photovoltaic Plants) Regulations, 2016 and its amendments/Tariff Orders/Guidelines/Orders issued from time to time.

c.2.Peer-to-Peer (P2P) Trading of Rooftop Solar PV Energy

1. Peer-to-peer energy (P2P) trading is the buying and selling of rooftop solar PV energy between two or more grid-connected parties in a secured and reliable way with proper accounting and billing mechanism implemented with the help of Block chain technology. Any excess energy from rooftop solar PV can be transferred and sold to other consumers via a secure platform.
2. The Government of Karnataka will promote Peer-to-Peer (P2P) trading of Rooftop Solar PV energy and pilot project(s) shall be promoted. The implementation of P2P model shall be as per the guidelines and Regulatory framework as notified by the KERC from time to time.

c.3.Off-Grid Rooftop Solar PV System

1. Solar projects installed on the consumers' rooftops for their captive use isolated from the grid with or without energy storage system shall be treated as standalone and off-grid projects.

2. The Government of Karnataka will promote off-grid rooftop Solar PV Plant in this Policy subject to safety approval from the Department of Electrical Inspectorate, as per the Orders issued by the Government of Karnataka from time to time.
3. The project developer shall adhere to the safety codes and standards for safe operation of the off-grid system.

d. Support for Promotion of Distributed Solar Generation (i.e., Agriculture Feeder and Pump sets Solarization)

The Government of Karnataka will promote Solarization of existing grid connected Irrigation pumps through feeder Solarization i.e., connecting the solar project at Substation bus [subject to the evacuation feasibility], and Solarization of grid connected Irrigation pumps as per the guidelines or prevailing schemes of the State Government/Central Government including PM-KUSUM or any other forthcoming schemes/programs.

e. Supports for Promotion of Floating Solar Projects

1. The Government of Karnataka will promote development of floating solar on existing reservoirs/dams of hydro stations or any other water bodies including reservoirs and lakes.
2. The State will allocate the water body on long term lease/rental basis for development of projects under InSTS and ISTS programs for sale of energy to ESCOMs/Procurers or licensed intermediaries like SECI or Urban Local Bodies by utilization of the lake water bodies.
3. The project developer is free to make connectivity and open access applications with CTU subject to the consent from CTU, KPTCL, Water Resource Department and Karnataka Lake Conservation and Development Authority (as applicable).
4. Floating Solar Projects can be developed with or without energy storage system.
5. All components of the Floating Solar PV plant shall be in accordance with technical specifications given in relevant IS/ IEC Standards. The design and commissioning shall be as per latest IS/ IEC/ BIS standards and the project shall not cause any environmental concerns to the water bodies.
6. The guidelines for implementation of floating solar projects will be notified by the Government of Karnataka.

f. Supports for Promotion of Solar Energy for Charging the Electric Vehicles and Battery Swapping Stations

1. The Government of Karnataka will promote use of RE for charging the electric vehicles and battery swapping stations with the aim of greening the transportation sector.
2. The charging station/Battery swapping station service providers may set up RE generation plants within their premises for captive use and may also

draw renewable power through open access subject to fulfillment of requirements under open access Regulations.

3. Ground mount and Rooftop Solar PV Plants within the same premises can be used for supplying the power to the EV Charging stations/Battery swapping stations. For such charging stations, a rebate on the applicable tariff may be evaluated with the consent of the KERC.
4. RE for charging the EVs/Battery swapping stations can be with or without energy storage.

5.2.4. Wind Energy Projects

a. Promotion of Wind Energy Projects

This Policy aims to promote the Wind Energy Projects including:

1. New wind energy projects; and
2. Repowering of existing wind energy projects.

b. Additional Supports for Wind Energy Projects

b.1. New Wind Projects for Sale of Energy within Karnataka

1. Selection of projects under InSTS category shall be through a competitive bidding process, as per the requirement of ESCOMs in the State to fulfill Renewable Purchase Obligation (RPO) target fixed by the KERC or any requirements beyond the RPO target subject to the approval of the KERC.
2. Project developer can develop projects under open access route under this Policy for sale of energy inside Karnataka in accordance with relevant guidelines issued from time to time.

b.2. New Wind Projects for Sale of Energy outside Karnataka

1. Selection of projects under ISTS category shall be through a competitive bidding process conducted by intermediaries such as SECI, NTPC and others.
2. Project developer can also develop projects under open access route under this Policy for sale of energy outside the Karnataka in accordance with relevant guidelines issued from time to time.

b.3. Repowering of Existing Wind Energy Projects

1. The Government of Karnataka will promote repowering of existing wind turbines which have completed at least 10 years in operation. Repowering shall comply with the Policy and guidelines of MNRE for repowering the wind power projects issued from time to time duly informing the ESCOMs i.e., PPA holders.
2. In the case of power being procured by State ESCOMs through PPA, the power generated corresponding to average of last three years' generation prior to repowering would continue to be procured on the terms of PPA in-force, as approved by the KERC and remaining additional generation may be purchased by ESCOMs as per their requirements at a tariff discovered through competitive bidding, subject to the approval of KERC.
3. The repowered wind projects shall also be allowed to use the additional power for captive/group captive or third party sale within and/or outside the State.
4. For repowering of wind projects, the pre-feasibility for evacuation of repowered energy through STU or CTU (as the case may be) shall be assessed by the project developer.

Solar-Wind Hybrid Energy Projects

a. Promotion of Solar-Wind Hybrid Energy Projects

1. Hybrid projects can be Wind-Solar energy with or without energy storage system.
2. The rated capacity of one resource (wind or solar) shall be as per the National Wind-Solar Hybrid Policy 2018, vide No.238/78/2017-Wind, dated 14 May 2018, issued by the Ministry of New & Renewable Energy and its amendments or as per the guidelines issued by MNRE for Hybrid Projects. Other provisions as per the National Wind-Solar Hybrid Policy 2018 remain applicable.
3. This Policy is applicable for hybridization of existing or under construction Wind or Solar projects into hybrid projects and also for new Wind-Solar Hybrid power generation projects.

b. Additional Supports for Solar-Wind Hybrid Energy Projects

b.1.Regulations

1. The applicable open access charges for solar-wind hybrid projects in the State shall be as per the relevant Regulations specified by the KERC from time to time. In the case of ISTS category projects, the applicable open access charges shall be as per the relevant Regulations specified by the CERC from time to time.

b.2. Hybridization of Existing Solar or Wind Energy Projects

1. In case of hybridization of existing projects by either addition of wind or solar energy, the additional generation from such hybrid projects may be purchased by ESCOMs as per their requirements at a tariff discovered through competitive bidding, subject to the approval of the KERC.
2. The additional generated energy from existing projects after hybridization is allowed to sell under captive/group captive or third party route within and/or outside the State as per relevant Regulations issued from time to time.
3. For hybridization of existing projects, the pre-feasibility for evacuation of hybrid power through STU shall be obtained by the project developer.
4. Forecasting and scheduling shall be as per the CERC/KERC Regulations as appropriate.

5.2.5. Energy Storage Projects for Renewable Energy

a. Promotion of Energy Storage Projects

This Policy will focus on development of energy storage market including pumped hydro in the State with the objective of integrating more RE in to the grid which can offer grid services such as grid optimization, peak reduction, curtailment management, contribution to reliability needs, managing intraday variation and seasonal variations and others, and also to meet the increasing power demand of the State through RE.

Energy storage can play an important role in grid integration and balancing of variable generation sources. By increasing the system's overall flexibility, it can improve power quality, reduce peak demand, enhance capacity of distribution / transmission grids, avoid/reduce deviation penalties etc. Use of energy storage systems by residential, commercial or industrial consumers, in conjunction with renewable energy has potential to improve power quality and reliability for such

consumers. This would also allow for minimization of diesel consumption from back-up power applications.

b. Additional Supports for Energy Storage Projects

b.1.Energy Storage as Services

1. Energy storage service providers can tie-up with RE developers or can utilize any energy sources (i.e. energy exchange etc.) for storing the energy and the stored energy can be sold to ESCOMs/Procurers/ Open Access consumers within Karnataka and outside Karnataka under InSTS and ISTS program.

b.2.Location of Energy Storage Projects

1. Energy storage projects can be either co-located with RE projects (i.e., energy source) or it can be located near the load centers (i.e., sub-station and/or consumers).

b.3.Energy Storage Regulations

1. The applicable open access charges for use of energy from the energy storage services in the State shall be as per the relevant Regulations specified by the KERC from time to time. In case of ISTS category projects, the applicable open access charges shall be as per the relevant Regulations specified by the CERC from time to time.

b.4.Use of Existing and New Renewable Energy Assets for Energy Storage

1. Existing and new RE projects can use energy storage system to manage variations in generation and offer necessary grid support services/ancillary services to SLDC/ESCOMs as per their requirements. In the case of existing projects, the use of energy storage system to offer grid support services/ancillary services shall be subject to the consent from the concerned ESCOMs and approval of PPA by the KERC.
2. RE projects (existing and new) developed under captive/group captive and third party sale within the State may use energy storage system to store the excess generation and set off appropriately. The guidelines for use of energy storage system in RE captive/group captive and third party sale projects will be issued by the Government of Karnataka.

b.5.Utilization of Existing Transmission Capacity

1. For the purpose of optimal utilization of existing transmission capacity within the State, locations such as retiring thermal power stations and existing Renewable Energy Parks will be evaluated for developing energy storage projects.

b.6.Pumped Hydro Storage Projects

1. The Government of Karnataka will encourage development of Pumped Hydro Storage Projects within the State including private investments in PHS projects.
2. Any applicable Government schemes can be explored by energy storage project developers for the purpose of project development.

5.2.6. Biomass Projects

a. Promotion of Biomass Projects

This Policy will promote generation of energy through Biomass to enable development of Bio-energy based projects in the State.

b. Additional Support for Biomass Projects

1. Procurement of energy from biomass projects shall be based on the tariff discovered through competitive bidding process as per the requirement of ESCOMs, subject to the approval of the KERC.
2. Developer of biomass project is allowed to use the power for captive/group captive or third party sale within and outside the State.
3. The Government of Karnataka will promote biomass projects as per the guidelines or prevailing schemes of State Government/Central Government including the MNRE's schemes such as "Programme on Energy from Urban, Industrial, Agricultural Wastes/Residues and Municipal Solid Waste" or any other forthcoming programs/schemes.

5.2.7. Co-generation Projects

a. Promotion of Co-generation Projects

This Policy will promote generation of energy through co-generation to enable development of co-generation projects in the State.

b. Additional Support for Co-generation Projects

1. Developer of co-generation projects is allowed to use the power for captive/group captive or sale in Power Exchange or third party sale within and/or outside the State.
2. The Government of Karnataka will promote co-generation projects as per the guidelines or prevailing schemes of State Government/Central Government including MNRE's scheme on BIOURJA, Biomass based Cogeneration in Sugar Mills and other industries or any other forthcoming programs/schemes.

5.2.8. Waste to Energy Projects

a. Promotion of Waste to Energy Projects

This Policy will promote generation of energy from wastes to enable development of waste-to-energy projects in the State.

b. Additional Support for Waste-to- Energy Projects

1. Procurement of energy from Waste-to-Energy Projects by ESCOMs shall be as per the tariff determined by the KERC.
2. Developer of waste-to-energy projects is allowed to use the power for captive/group captive or third party sale within and outside the State.

5.2.9. Mini and Small-Hydro Projects

a. Promotion of Mini and Small-Hydro Projects

This Policy will promote generation of energy through mini and small-hydro projects in the State.

b. Additional Support for mini and Small-Hydro Projects

1. Procurement of energy from mini and small-hydro projects shall be based on the tariff based competitive bidding process as per the requirement of ESCOMs, subject to the approval of the KERC.
2. Mini and Small-hydro projects allotted under open access category are permitted to use the power for captive/group captive or third party sale within the State.
3. The Government of Karnataka will promote Mini and Small Hydro Projects as per the guidelines or prevailing schemes of State Government/Central Government including the MNRE's scheme on "Small Hydro Power Programme" and its amendments or any other forthcoming schemes/programs.
4. The project developer shall obtain various statutory clearances including but not limited to techno-economic clearances, Forest and Environmental (if necessary) clearances, clearance regarding water availability and others required for the project development.
5. Payment of royalty shall be as per the Orders of Irrigation/WRD, GoK issued from time to time.

5.2.10. New Initiatives/Pilot Projects/R&D

- a. The Government of Karnataka will promote adoption of new and emerging technologies in the State. The State may support new initiatives/pilot projects including off-shore wind energy projects, tidal and wave energy, rooftop aero turbine along with solar energy, highway aero turbines, hydrogen and fuel cells, Bio-CNG, concentrated solar power and other emerging energy technologies.
- b. For promotion of offshore wind energy projects, the Government of Karnataka may explore development of offshore wind energy projects along with MNRE and NIWE, under the applicable schemes, programs and guidelines of MNRE.
- c. Initiatives from the private sector in Research and Development (R&D) activities for advancement of RE may be encouraged by the State.
- d. For promotion of Bio-CNG generation from wastes, existing schemes such as "Sustainable Alternative Toward Affordable Transportation (SATAT)" under Ministry of Petroleum and Natural Gas will be supported by the Government of Karnataka
- e. To encourage solar thermal market, solar steam generating systems at institutions and industries shall be encouraged. Solar water pumps, water purification systems, solar application to cottage industries shall be priority areas. To conserve electricity in peak hours, solar water heaters, solar lighting systems, solar hoardings etc., shall be encouraged in domestic, commercial and industrial applications.
- f. KREDL will be the nodal agency for promotion of new initiatives/pilot projects in the State.

6. Allotment of Projects

6.1. Procedure for Application and Allotment of Projects

a. Common for all RE projects

1. The applicant shall furnish the details as per the prescribed application form along with required documents by paying applicable fees as prescribed by the Government of Karnataka from time to time.
2. The net worth of the company shall be at least 30% of the total project cost.
3. The capital cost per MW considered by the KERC from time to time in the respective tariff Orders for solar, wind, mini and small hydro, biomass, cogeneration and waste to energy projects shall be used as reference for considering the net worth requirements. However, in case of cogeneration projects, cost of sugar factory shall be excluded and only the cost of cogeneration power project to be considered. In case of Renewable Energy Park, floating solar and energy storage projects, the total project cost shall be considered as per the Detailed Project Report for the purpose of arriving at the net worth of company.
4. The developer shall identify the site/land area required for the project development. Further, the details of the land required for the proposed project, such as break up of Private/Revenue/Forest land along with tentative survey numbers and records of Rights, Tenancy and Crops shall be submitted by the project developer.
5. In the case of wind projects/parks, the extent of land along with the co-ordinates of WTGs shall be marked on the topo sheet and furnished along with the application.
6. ISTS projects under competitive bidding including projects selected through bids floated by SECI, NTPC, and any other entity shall obtain Government of Karnataka Order with payment of applicable fees as per clause 7.2 of this Policy.

b. Wind and Hybrid Projects/Park (Solar-Wind or other renewable energy-Wind)

1. The project developer shall furnish the application containing the project details including co-ordinates of each WTG along with survey numbers required for the implementation of the project.
2. The application shall be received from the project developer for the purpose of issuance of Government Order only, and no facilitation shall be provided for wind resource assessment.
3. KREDL shall scrutinize the application and details of project including Detailed Project Report and submit the proposal to SLAC for allotment of the project.
4. SLAC shall review the proposal and recommend for issuance of Government Order only when the project is feasible.
5. The allottee shall execute an Implementation Agreement with the KREDL within 45 days from the date of Government Order.
6. Developer can apply for one time capacity enhancement; however, the completion period of project shall be as per the timeline prescribed in the original Government Order.

c. Solar Project/Park (including floating solar) and Energy Storage Projects

1. The project developer shall submit the application along with applicable fees and requisite documents.
2. KREDL shall scrutinize the application and documents submitted by the applicant and recommend to Energy Department, Government of Karnataka for issuance of Government Order.

d. Mini and Small Hydro

1. The project developer shall furnish a Pre-Feasibility Report containing the preliminary details required for the implementation of the project along with the application.
2. The project developer shall submit the details of the land for the proposed small hydro project such as Private/Revenue/Forest along with extent of land required, village map with marking of project location.
3. KREDL shall scrutinize the application and letters will be addressed to Forest Department (to ascertain the availability of land if it lies in Forest area), Water Resource Department (to ascertain water availability), and Karnataka Power Corporation Limited (if the project comes in the vicinity of KPCL projects).
4. On receipt of clearances from Forest Department, Water Resources Department and KPCL, the proposal shall be sent to SLAC for allotment of the project.
5. SLAC shall review the proposal and recommend for issuance of Government Order only when the project is feasible.
6. Government Order will be issued by the Energy Department, Government of Karnataka.
7. The allottee shall execute an Agreement within 45 days from the date of Government Order with KREDL.
8. The project developer shall submit the Detailed Project Report within one year from the date of issuance of Government Order and KREDL will issue the technical clearance for project on receipt of Detailed Project Report and applicable fees.

e. Biomass, Co-generation, and Waste to Energy

1. The developer shall submit Detailed Project Report along with prescribed application and processing fee.
2. In the case of Biomass or Co-generation, Waste to energy projects, the developer shall comply with the following before applying:
 - a. In the case of biomass or co-generation projects, the proposed technology, the fuel availability and location from where the fuel to be sourced shall be provided. The raw materials available in the radius of 40KM surroundings will be taken into consideration for issuance of NOC for the Biomass power projects to avoid overlapping of other Biomass projects.
 - b. Applications in respect of co-generation will be considered only after sugar cane allotment from the Department of Industries and Commerce, Government of Karnataka.
 - c. Applications in respect of waste to energy projects will be considered only after assurance/consent for allotment of waste from the concerned local bodies. The developer shall furnish the details of waste storage along with the initial consent from the Pollution Control Board.
3. After verifying the proposal of biomass, co-generation and waste to energy projects, KREDL will recommend to the Government of Karnataka for issuance of NOC.
4. Apart from this, the details of the availability of waste in each district will be published / uploaded in KREDL website after a detailed study with the authenticated input from the local governing bodies/authorities including the Municipal Authorities to facilitate

decentralized energy generation. This will also help in minimizing waste transportation and the eradication of the epidemics.

5. The availability of biomass in each district in each season with its type, quantity and calorific values of each fuel will also be published / uploaded in KREDL website after a detailed study with authenticated input from the local governing bodies / authorities including the Agriculture Department to ensure decentralized energy generation and to increase the economic activities / GSDP of rural Karnataka besides creating job opportunities for locals.

6.2. Criteria for Utilisation of Land to Setup Renewable Energy Projects

In order to setup the RE projects based on various technologies, the maximum land area/spaceto be utilised by the developer will be as under:

Sl.No	Technology	Maximum area that can be utilized for the project	Remarks
1	Solar PV Technology with and without tracker	3.5 acres per MW _{ac}	Any additional land requirement beyond the maximum area shall be evaluated by the Government of Karnataka on case to case basis, depending upon the topography of the location.
2	Wind	4 acres per WTG (land requirement for WTGs shall be reviewed from time to time based on the models approved by MNRE in the RLMM. Project developer shall perform the micro siting as per MNRE guidelines for Development of Onshore Wind Power Projects and its amendments issued from time to time)	
3	Solar Rooftop	100 Sq. ft per 1 kWp	-

7. Project Development Timelines, Fees and Charges

7.1. Timelines

- a. The timeline for completion of the RE projects under captive/group captive and third-party sale (both within and outside the RE parks) is mentioned below. In case the developer fails to complete the project within the stipulated timeline, the time extension fee (as in provision 7.2) shall be applicable as per this Policy.

Sl. No	RE Projects	Stipulated Commissioning Timeline from the Date of G.O	Extension of Time from Stipulated Commissioning Timeline with Payment of Applicable Time Extension Fee
1	Solar Energy Project (including floating solar) /Solar Parks with or without Energy Storage System	Within 2 years	Maximum up to 2 years
2	Wind Energy Projects/Parks including hybrid with or without Energy Storage System	Within 2 years	Maximum up to 2 years
3	Biomass, Co-generation, and Waste to Energy	Within 2 years	Maximum up to 2 years
4	Energy Storage	Within 1 year (for non- PHS) Within 4 years (for PHS)	Maximum up to 1 year Maximum up to 2 years
5	Mini and Small Hydro	Within 3 years	Maximum up to 2 years

- b. The Government of Karnataka will cancel the allotment/NOC issued for the RE projects, after any delay beyond the above time extension period.
- c. The developer must approach the KREDL at least (3) three months before the scheduled commissioning date seeking extension of time along with valid justification and supporting documents.
- d. In case the developer fails to commission the project within the stipulated period, KREDL will recommend to the GoK for cancellation of the Government Order and after cancellation of Government Order, the performance bank guarantee will be forfeited.
- e. If the capacity is developed partially in the overall time period, the allotted capacity will be restricted to the commissioning capacity and the remaining capacity will be treated as cancelled. In such a case, the performance bank guarantee will be encashed/forfeited and the amount equivalent to the commissioned capacity shall be refunded to the project developer by the KREDL.
- f. The quarterly progress report shall be submitted to KREDL by the project developer.

7.2. Fees and Charges

a. Fees and Charges for Competitive Bidding Projects within the State

The fees and charges applicable for RE projects developed under tariff-based competitive bidding shall be as per the tender conditions and Karnataka Transparency in Public Procurements (KTPP) Act and its amendments issued from time to time.

b. Fees and Charges for Open Access Projects with energy sale within the State and outside the State, and ISTS projects under Competitive Bidding

The fees and charges applicable for open access projects across various categories of RE projects under InSTS and ISTS category, and ISTS projects under competitive bidding are given below:

Category	Application Fee (INR per MW)	Processing Fee (INR per MW)	Performance Bank Guarantee (INR per MW)	Net-Worth per MW	Time Extension Fee in INR per MW per Year	Transfer Fee (INR per MW)*
Solar (including floating solar)		2,00,000	5,00,000	30% of the project cost determined by KERC	100,000	1,50,000
a) Upto 10MW	15,000					
b) 11MW to 50MW	25,000					
c) 51MW and above	35,000					
Wind		2,00,000	5,00,000	30% of the project cost determined by KERC	100,000	1,50,000
a) Upto 10MW	15,000					
b) 11MW to 50MW	25,000					
c) 51MW and above	35,000					
Wind Solar Hybrid		2,00,000	5,00,000	30% of the project cost determined by KERC	100,000	1,50,000
a) Up to 10MW	15,000					
b) 11MW to 50MW	25,000					
c) 51MW and above	35,000					
Renewable Energy Parks		2,00,000	5,00,000	30% of the project cost determined in the DPR	100,000	1,50,000
a) 25MW to 50MW	25,000					
b) 51MW to 200MW	35,000					

Category	Application Fee (INR per MW)	Processing Fee (INR per MW)	Performance Bank Guarantee (INR per MW)	Net-Worth per MW	Time Extension Fee in INR per MW per Year	Transfer Fee (INR per MW)*
c) 201 MW and above	50,000					
Energy Storage						
a) Up to 10MW	15,000	2,00,000	5,00,000	30% of the project cost determined in the DPR	100,000	1,50,000
b) 11MW to 50MW	25,000					
c) 51MW and above	35,000					
Mini and Small Hydro		2,00,000	5,00,000	30% of the project cost determined by KERC	100,000	1,50,000
a) Up to 10MW	15,000					
b) 11MW to 25MW	25,000					
Biomass		2,00,000	5,00,000	30% of the project cost determined by KERC	100,000	1,50,000
a) Up to 10MW	15,000					
b) 11MW to 50MW	25,000					
c) 51MW and above	35,000					
Co-generation		2,00,000	5,00,000	30% of the project cost determined by KERC	100,000	1,50,000
a) Up to 10MW	15,000					
b) 11MW to 50MW	25,000					
c) 51MW and above	35,000					
Waste to Energy (WTE)		1,00,000	2,50,000	30% of the project cost determined by KERC	100,000	50,000
a) Up to 10MW	15,000					
b) 11MW to 50MW	25,000					

Category	Application Fee (INR per MW)	Processing Fee (INR per MW)	Performance Bank Guarantee (INR per MW)	Net-Worth per MW	Time Extension Fee in INR per MW per Year	Transfer Fee (INR per MW)*
c) 51MW and above	35,000					
Rooftop Projects (1 to <5 kWp)**	500 per project	1,000 per project				
Rooftop Projects (5-50 kWp)**	1,000 per project	2,000 per project	-	-	-	-
Rooftop Projects (>50 kWp and up to 1 MWp)**	2,000 per project	5,000 per project	-	-	-	-
Rooftop Projects (>1 MWp and <10 MWp)**	5,000 per project	10,000 per project	-	-	-	-

* Transfer fee is applicable if Company Identification Number (CIN) issued by Registrar of Companies (RoC) are different. In case CIN is same, the applicable charges shall be as per the Government Order No: EN 392 NCE 2008 dated 13.10.2009 and Government Order No: EN 61 NCE 2010 dated 06.07.2010, and its revision issued from time to time.

** For Roof top projects the applicable fees shall be paid to Distribution Licensees.

Note:

1. The charges mentioned above may be revised from time to time as notified by the Government of Karnataka.
2. The other fees and charges not specified in this provision shall be applicable as per the Government Order No: EN 392 NCE 2008 dated 13.10.2009 and Government Order No: EN 61 NCE 2010 dated 06.07.2010, and its revision issued from time to time.
3. The application fee shall be non-refundable. In case of non-allocation of projects by the GoK OR in case of developer requests for withdrawal of application before submission to the GoK, 70 % (Seventy per cent) of processing fee shall be refunded to developers by KREDL.
4. The GST as applicable shall be payable in addition to the above fees and charges.
5. The performance bank guarantee shall be returned to the project developer after successful completion of the project.
6. The performance bank guarantee shall be renewed by the project developer before 2(two) months of the validity period. In case of non-renewal of performance bank guarantee by the project developer, KREDL shall encash the performance bank guarantee without notice.
7. IPPs, Captive/Group Captive, REC and ISTS projects' applicants should get Government approval duly submitting the application and the relevant documents as detailed in KREDL website "kredl.karnataka.gov.in".
8. The change of category of RE projects from InSTS to ISTS is allowed and ISTS to InSTS shall be allowed subject to availability of evacuation from KPTCL.

8. Administration of the Policy

8.1. Nodal Agency

Karnataka Renewable Energy Development Limited (KREDL) is the State Nodal Agency for implementation of this Policy. However, the smart grid projects as specified in the Karnataka Electricity Regulatory Commission (Smart Grid) Regulations, 2015 shall be implemented by the transmission licensee and/or distribution licensee.

8.2. State Level Allotment Committee

A State Level Allotment Committee (SLAC) will be constituted for approval of the RE projects i.e., wind projects, wind-solar hybrid projects/parks and mini & small Hydro projects under this Policy and to fast track its implementation. The SLAC shall comprise of the following members:

1	The Additional Chief Secretary/Principal Secretary to Government, Energy Department	Chairman
2	The Additional Chief Secretary / Principal Secretary to Government, Revenue Department	Member
3	The Additional Chief Secretary/ Principal Secretary to Government (Forest), Forest, Ecology & Environment Department	Member
4	The Additional Chief Secretary/ Principal Secretary to Government, Water Resources Department	Member
5	The Managing Director, Karnataka Renewable Energy Development Limited	Member
6	The Chief Conservator of Forest (Forest Conservation), Government of Karnataka	Member
7	The Director (Technical), Karnataka Power Corporation Limited	Member
8	The Director (Transmission), Karnataka Power Transmission Corporation Limited	Member
9	The Additional Secretary /Joint Secretary /Deputy Secretary to Government, Energy Department	Convener

The SLAC shall meet once in every three months or on need basis. KREDL will examine and submit project proposals with recommendations to GoK for placing before SLAC for discussion. After issuance of Government Order allotting the project, the developer may approach the concerned departments for obtaining clearance/approvals. The developer may also request KREDL to issue facilitation letters for obtaining clearance/approvals from the concerned departments. The concerned department shall convey the approval/clearance/observation or comments if any within a stipulated time period of 45 days from the date of application.

KREDL as a State Nodal Agency shall carry out the following functions:

1. Verification and Recommendation of proposals to GoK.
2. Act as a facilitator to obtain all statutory clearances by issuing facilitation letters.
3. Resolution of Policy level issues for accelerating deployment of various RE technologies.
4. Monitoring the progress of project implementation.

8.3. Power to Remove Difficulties and Interpret

The Energy Department, Government of Karnataka will have power to amend or review or relax or interpret any of the provisions under this Policy as and when required. If any difficulty arises in giving effect to this Policy, KREDL in consultation with Energy Department, Government of Karnataka and after taking approval from Government of Karnataka, is authorized to issue clarifications as well as interpretations to such provisions, as may appear to be necessary for removing the difficulties either on its own motion or after hearing those parties who have represented for change in any provisions.

If there is any confusion or dispute about the meaning, intent or purpose of any provision of this Policy, the interpretation given by Energy Department, Government of Karnataka shall be final and binding to all concerned.

Further, Energy Department, Government of Karnataka will have power to allocate more RE capacity to the project developers beyond the target mentioned in this Policy during the Policy period.

Notwithstanding anything contained in this Policy, the provisions of the Electricity Act, 2003, MNRE guidelines, applicable CERC Regulations, Grid Code, and the applicable Regulations issued by the KERC from time to time shall prevail for the purpose of implementation of this Policy.

By order and in the name of
Governor of Karnataka,

(N. Mangalagowri)
Under Secretary to Government,
Energy Department.

PR-384

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ

ಸಂಖ್ಯೆ:ಸಿಬಿ 17 ಎಂಜಿಎಸ್ 2022

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ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 13-04-2022

ತಿದ್ದುಪಡಿ

ಕರ್ನಾಟಕ ಕಲ್ಲುಪುಡಿ ಮಾಡುವ ಘಟಕಗಳ ನಿಯಂತ್ರಣ (ತಿದ್ದುಪಡಿ) ನಿಯಮಗಳು, 2014 ಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ದಿನಾಂಕ:23-03-2022 ರ ರಾಜ್ಯಪತ್ರದಲ್ಲಿ ಪ್ರಕಟಿಸಲಾದ ಅಧಿಸೂಚನೆಯ ಕಡತ "ಸಂಖ್ಯೆ:ಸಿಬಿ 20 ಎಂಜಿಎಸ್ 2014" ಅನ್ನು ಸಂಖ್ಯೆ: ಸಿಬಿ 17 ಎಂಜಿಎಸ್ 2022" ಎಂದು ಹಾಗೂ "ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ: ಸಿಬಿ 20 ಎಂಜಿಎಸ್ 2014, ದಿನಾಂಕ:21.03.2022" ಅನ್ನು "ಸಿಬಿ 20 ಎಂಎಂಎನ್ 2014, ದಿನಾಂಕ:06-02-2014" ಎಂದು ತಿದ್ದಿ ಓದಿಕೊಳ್ಳತಕ್ಕದ್ದು.

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಅದೇಶಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ,

(ಸುಮ ಎಸ್.)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ (ಗಣಿ-2)
ವಾಣಿಜ್ಯ ಮತ್ತು ಕೈಗಾರಿಕೆಗಳ ಇಲಾಖೆ.

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ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಸಂಖ್ಯೆ: ನಅಇ 137 ಬಿಎಂಆರ್ 2021 (ಇ)

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಚಿವಾಲಯ,
4ನೇ ಮಹಡಿ, ವಿಕಾಸ ಸೌಧ,
ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 28-04-2022.**ಅಧಿಸೂಚನೆ**

ಕರ್ನಾಟಕ ನಗರಾಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರಗಳ ಕಾಯ್ದೆ 1987ರ ಕಲಂ 3(3)(ಎ), 3(3)(ಎಂ) ಮತ್ತು 3(3)(4) ರಡಿ ಪ್ರದತ್ತವಾದ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸಿ ಈ ಕೆಳಕಂಡ ವ್ಯಕ್ತಿಗಳನ್ನು ರಾಮನಗರ ನಗರಾಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರದ ಅಧ್ಯಕ್ಷರು ಮತ್ತು ಸದಸ್ಯರನ್ನಾಗಿ ತಕ್ಷಣದಿಂದ ಜಾರಿಗೆ ಬರುವಂತೆ ಹಾಗೂ ಮುಂದಿನ ಆದೇಶದವರೆಗೆ ನೇಮಕ ಮಾಡಿ ಆದೇಶಿಸಿದೆ.

ಕ್ರ. ಸಂ	ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಸ್ಥಾನ
1.	ಶ್ರೀ ಕೆ.ಎಸ್. ಶಿವಮಾಧು ಬಿನ್ ಲೇಟ್ ಸಿದ್ದಪ್ಪ, ಕೃಷ್ಣಾಪುರ ದೊಡ್ಡಿ, ಕೈಲಾಂಚ ಹೋಬಳಿ, ರಾಮನಗರ ತಾಲ್ಲೂಕು.	ಅಧ್ಯಕ್ಷರು
2.	ಶ್ರೀ ಸಿಂಗಯ್ಯ ಬಿನ್ ಚೆಲುವಯ್ಯ ಕೇತುಹಳ್ಳಿ, ಕಸಬಾ ಹೋಬಳಿ, ರಾಮನಗರ ತಾಲ್ಲೂಕು.	ಸದಸ್ಯರು (ಎಸ್.ಸಿ)
3.	ಶ್ರೀ ನರೇಂದ್ರ. ಡಿ. ಬಿನ್ ದಾಸಪ್ಪ, ಹನುಮಂತನಗರ, ನಂ.64, ಎಸ್.ಎಲ್.ವಿ ನಿಲಯ, ರಾಮನಗರ ಟೌನ್.	ಸದಸ್ಯರು

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆದೇಶಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ,

(ಎಸ್. ವೀಣಾ)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ,
ನಗರಾಭಿವೃದ್ಧಿ ಇಲಾಖೆ.

PR-386**GOVERNMENT OF KARNATAKA**

No. RD 13 LGP 2022

Karnataka Government Secretariat,
M.S.Building,
Bengaluru, Dated: 05.05.2022

NOTIFICATION

The draft of the following rules further to amend the Karnataka Land Revenue Rules, 1966, which the Government of Karnataka proposes to make in exercise of the powers conferred by section 19 and 197 of the Karnataka Land Revenue Act, 1964, (Karnataka Act 12 of 1964) is hereby published as required by sub-section (1) of section 197 of the said Act for the information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of fifteen days from the date of its publication in the Official Gazette.

ಶಿಖರ

ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ, ಶುಕ್ರವಾರ, ೦೬, ಮೇ, ೨೦೨೨

ಭಾಗ ೪ಎ

Any objection or suggestion, which may be received by the State Government from any person with respect to the said draft before the expiry of the period specified above, will be considered by the State Government. Objection and suggestions may be addressed to the Principal Secretary to Government, Revenue Department, 5th floor, Multistoried Building, Bengaluru-560 001.

DRAFT RULES

1. Title and commencement.- (1) These rules may be called the Karnataka Land Revenue (Amendment) Rules, 2022.

(2) They shall come into force from the date of their final publication in the Official Gazette.

2. Amendment of rule 43.- In the Karnataka Land Revenue Rules, 1966 (hereinafter referred to as the said rules), in rule 43, in sub rule (3), after the words “sub-division”, the words “or an officer in the equivalent rank of Assistant Commissioner notified by the Government from time to time”, shall be inserted.

3. Amendment of rule 69.- In the said rules, in rule 69, after the words “the Assistant Commissioner”, the words, “or an officer in the equivalent rank of Assistant Commissioner notified by the Government from time to time”, shall be inserted.

By order in the name of the
Governor of Karnataka

(C. BALARAM)
Under Secretary to Government,
Revenue Department (Land Grants-1)

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